PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

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Applicant's or agent's file reference	FOR FURTHER ACT	ION	See Form PCT/IPEA/416			
12854-20392	International filing date (da	av/month/vear)	Priority date (day/month/year)			
International application No.						
PCT/US05/08995 18 March 2005 (18.03.2005) 19 March 2004 (19.03.2004)						
International Patent Classification (IPC) or national classification and IPC						
IPC: E21B 43/28 (2006.01) USPC: 75/712,711,743						
Applicant						
NEWMONT USA LIMITED						
1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.						
2. This REPORT consists of	a total of $\frac{3}{2}$ sheets, inclu	ding this cover shee	t.			
3. This report is also accompanied by ANNEXES, comprising:						
a. (sent to the applicant and to the International Bureau) a total of sheets, as follows:						
sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).						
sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.						
b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s))						
, containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).						
4. This report contains indications relating to the following items:						
	Basis of the report					
Box No. II P	Priority					
	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability					
Box No. IV L	Lack of unity of invention					
Box No. V R	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
1 —	Certain documents cited					
Box No. VII C	Certain defects in the international application					
Box No. VIII C	Certain observations on the	international applica	ation			
Date of submission of the demand		Date of completion of this report				
17 October 2005 (17.10.2005)		17 February 2006 (17.02.2006)				
Name and mailing address of the IPEA/ US		Authorized officer	/			
Mail Stop PCT, Attn: IPEA/US Commissioner for Patents		Harde.	4			
P.O. Box 1450		Roy King	VV			
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Form PCT/IPEA/409 (cover sheet)(April 2005)

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/US05/08995

Box No. 1 Basis of the report					
1. With regard to the language, this report is based on:					
the international application in the language in which it was filed.					
a translation of the international application into English, which is the language of a translation furnished for the purposes of: international search (under Rules 12.3 and 23.1(b))					
publication of the international application (under Rule 12.4(a))					
international preliminary examination (under Rules 55.2(a) and/or 55.3(a))					
2. With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):					
the international application as originally filed/furnished					
the description: pages 1-17 as originally filed/furnished pages* NONE received by this Authority on					
pages* NONE received by this Authority on					
the claims: pages 18-22 as originally filed/furnished					
pages* NONE as amended (together with any statement) under Article 19					
pages* NONE received by this Authority on pages* NONE received by this Authority on					
the drawings: pages 1-7 as originally filed/furnished					
pages* NONE received by this Authority on					
pages* NONE received by this Authority on					
a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.					
3. The amendments have resulted in the cancellation of:					
the description, pages					
the claims, Nos.					
the drawings, sheets/figs					
the sequence listing (specify):					
any table(s) related to the sequence listing (specify):					
4. This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).					
the description, pages					
the claims, Nos.					
the drawings, sheets/figs					
the sequence listing (specify):					
any table(s) related to the sequence listing (specify):					
* If item 4 applies, some or all of those sheets may be marked "superseded."					

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/US05/08995

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
1. Statement				
Novelty (N)	Claims <u>4-7</u>	YES		
	Claims 1-3 and 8-54	210		
		· · · ·		
Inventive Step (IS)	Claims NONE	YES NO		
	Claims 1-54	NU		
Industrial Applicability (IA)	Claims 1-54			
Fr	Claims NONE	NO		
Claims 4-7 lack an inventive step under PCT Article above, Lesty et al shows all aspects of the above cla the leachant in the heap. Bodine teaches that by indiheap which are insufficiently leached. The manner of taught by Bodine, are not seen to impart any inventiare substantially the same. Because improved lechal as disclosed by Bodine, would not have required an Claims 1-54 meet the criteria set out in PCT Article can be made or used in industry. Applicant's arguments that the surveying conducted considered but is not persuasive because the instant improve the leaching capabilities of the process of I not persuasive since Bodine is cited to teach this feature. NEW CITATIONS	ims except the use of a fracture process for en- ucing cracks or fracture in the heap, leachant c of induction of the fracture, whether through h- ve difference in the process as a whole since that capabilities are also desirable in Lesty et al, inventive step to one of ordinary skill in the an 33(4), and thus possess industrial applicability by Lesty et al is different than that conducted claims do not restrict the surveying method of Lesty et al. Applicant's further argument that L	can more easily access areas of the hydraulic means of sonic means as the results of both fracture processes motivation to include a fracture step, art at the time the invention was made. By because the subject matter claimed by the instant claims has been f Lesty et al, which also is employed to		